Dell Smart Printer - S2810dn

Efficient, reliable, easy to use and manage

Ideal for small workgroups in small and medium sized businesses, the Dell Smart Printer – S2810dn offers easy-to-use features, essential security features, automatic 2-sided printing and reliable performance – all at an affordable price and a low cost-per-page.

- Convenient 4-line LCD with 10-digit keypad for easy secure print release
- Powerful, built-in 1GB memory to handle complex files as well as enable Private/Public Mailbox Print and Proof Print
- Essential security features with 802.1X network security, SNMPv3, TLS protocols

Comprehensive productivity features

Process and print large, complex files effortlessly and efficiently with the large 1GB[1] internal memory of the S2810dn and print speeds of up to 35 ppm (letter/A4)[2]. The built-in memory also enables extended print capabilities, including:

- Private/Public Mail Box Print: Store print jobs, such as forms and templates, in the built-in memory and print them when required. Stored jobs are easily released via the printer control panel.
- Proof Print: A collated print job is stored in the memory, but only a single copy is released for printing. When the user is satisfied with the proof printout, the remaining copies can be released for print. This helps prevent waste from misprints in large print projects.
- Secure Print: With this security feature, print jobs are password protected and released using a valid user PIN, keeping sensitive documents private.

Help increase productivity and save paper costs with the duplexer that can automatically print 2-sided pages.

Print directly from compatible smartphones, tablets, and other mobile devices with the Dell Document Hub app, available on the App Store, Google Play and the Windows Store. The S2810dn also supports AirPrint[3] and Google Cloud Print, so you can print from virtually anywhere.[4]

Essential security and simplified management

Protect your device, information and network from unauthorized access with SNMPv3 encryption, IPSec and Transport Layer Security (TLS) protocols.

The Dell OpenManage™ Printer Manager (OMPM) utility makes it easy to manage your network printers and enables the creation of printer status reports.

Streamline driver management with the Dell Open Printer Driver (OPD), designed to reduce the huge workload of driver deployment and setting changes.

Remarkable value

This reliable, affordably priced printer includes a high 3,000 page[6] yield toner cartridge. For added savings and an even lower cost per page, choose the optional 6,000 page[6] high yield toner cartridge.

Dell's outstanding printer warranty includes the fuser maintenance kit in the standard and extended Limited Hardware Warranty.

Outstanding support

Contact technical support for any printing issues via phone or online during your standard 1-year Limited Hardware Warranty[7], and enjoy 1-year Advanced Exchange[8] after Remote Diagnosis Service[9].

Stay covered longer when you choose optional 2-, 3-, 4-, or 5-year extended Limited Hardware Warranty[10]. In addition to your 1-year Limited Hardware Warranty[7] and a 1-Year Advanced Exchange[8] after Remote Diagnosis Service[9], you can choose dedicated support 24/7 with Dell ProSupport™[10] service options.

Learn more at Dell.com/printers

Dell Smart Printer - S2810dn

Printer specifications	**Printer type**	Single Function Mono Printer
	Print speed[2]	
	Simplex (600 x 600 dpi)	Up to 35/35 ppm (letter/A4)
	Duplex (600 x 600 dpi)	Up to 24/22 ppm (letter/A4)
	First page out time[2]	From Ready state as fast as 7 seconds From Power Saver Mode as fast as 23 seconds
	Print resolution	600 x 600 dpi (Up to 1200 x 1200 dpi)
	Operation panel	4 Line LCD, 10-key numeric pad, 21 Buttons, 2 Status LEDs, Power Saver Button
	Print language	
	Printer driver language	PCL 6, PostScript™ Level 3 Emulation, XPS
	Printer data stream	PCL 5E, PCL 6 (PCLXL 2.1), PostScript™ Level 3 Emulation, PDF v1.7
	Fonts	HP PCL® 6 Emulation: 86 scalable fonts PostScript™ Level 3: 89 scalable fonts
	Processor speed	525 MHz
	Memory, standard	1GB DDR3 RAM
Usage rate	**Duty cycle**	Up to 40,000 pages per month[5]
	Recommended monthly print volume	500 - 3,000 pages per month
Mobile printing support	Dell Document Hub app (for Android, iOS and Windows 8 and later), AirPrint[3], Google Cloud Print	
Supported languages	English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish	
Paper handling	**Input sources**	
	Standard	250-sheet input tray, 100-sheet multipurpose tray
	Maximum	350 sheets
	Output destinations	
	Standard	150-sheet bin
	Maximum	150 sheets
	Standard tray	
	Types and weights supported	Plain paper (60 – 80 g/m2), Thick paper (81 – 105 g/m2), Covers (106 – 163 g/m2), Covers Thick (164 – 216 g/m2), Letterhead, Recycled, Preprinted, Pre-punched, Color
	Sizes	A4 Short Edge Feed (SEF), B5JIS SEF, A5 SEF, B6JIS SEF, A6 SEF, US Legal SEF, Folio SEF, US Letter SEF, Executive SEF Custom paper size: Width: 3" to 8.5" (76.2 to 215.9 mm) Length: 5" to 14" (127 to 355.6 mm)
	Multipurpose tray	
	Types and weights supported	Plain paper (60 – 80 g/m2), Thick paper (81 – 105 g/m2), Covers (106 – 163 g/m2), Covers Thick (164 – 216 g/m2), Label (Single-side label), Letterhead, Recycled, Preprinted, Pre-punched, Color
	Sizes	A4 SEF, B5JIS SEF, A5 SEF, B6JIS SEF, A6 SEF, US Legal SEF, Folio SEF, US Letter SEF, Executive SEF, C5 SEF, Com-10 SEF, DL SEF, Monarch Custom paper size: Width: 3" to 8.5" (76.2 to 215.9 mm) Length: 5" to 14" (127 to 355.6 mm)
	Duplexer	
	Types and weights supported	Plain paper (60 – 80 g/m2), Thick paper (81 – 105 g/m2), Covers (106 – 163 g/m2) For 2-sided printing, use 60 – 163 g/m2 plain paper
	Sizes	A4 SEF, B5JIS SEF, A5 SEF, US Legal SEF, Folio SEF, US Letter SEF, Executive SEF Custom paper size: Width: 5.5" to 8.5" (139.7 to 215.9 mm) Length: 8.28" to 14" (210 to 355.6 mm)
	Page layout options	Portrait or Landscape orientation, Multiple copies, Multi-page printing (N-up), Duplex printing, Poster (Windows only), Booklet printing (Windows only), Watermarks, Collate, Rotation
	Printable area	8.19" x 13.69" (207.9 mm x 347.6 mm)
Connectivity	**Interfaces**	USB 2.0 (high speed) Client port, Ethernet port (Gigabit), Wireless port

Operating systems	**Windows**	Microsoft® Windows® 8.1 32bit/64bit Microsoft® Windows® 8 32bit/64bit Microsoft® Windows® 8 RT Microsoft® Windows® 7 32bit/64bit Windows Vista® 32bit/64bit Windows Server 2012 R2 Windows Server 2008 R1 and R2 Windows 2003 Server Windows Cluster Server Environment
	Macintosh	Apple Mac OS®: 10.6 ~ 10.10 (Intel 32bit/64bit)
	Others	SUSE Linux Enterprise Desktop 11.3 (x86, x64) Red Hat Linux Enterprise Desktop 6.4 (Desktop) (x86, x64) Ubuntu 12.04 LTS
Network protocols	**Transport**	IPv4, IPv6, TCP, UDP, IPSEC w/ IPv4, IPSEC w/ IPv6, ICMP / IGMP, 802.1x (Wired) :EAP-MD5,EAP-MS-CHAP-V2,EAP-PEAPv0/v1
	Print	Port 9100, LPD/LPR, FTP, SMB, IPP 2.0, Google Cloud Print 2.0, AirPrint 1.4, WSD, IPP over TLS
	Management and device discovery	HTTP, HTTPS, TLS 1.2, SNMP (v1 / v2 / v3), MIBv2 (RFC1213 compliant), BOOTP, DHCP, RARP, Auto IP, WINS, DNS, Bonjour(mDNS), Telnet
	Wireless certification (for optional wireless dongle only)	WiFi (b/g/n), WPA 2.0 (Personal), WPS 2.0, WiFi Direct
Security	**Print job management**	Secure Print with 4 Digit Pin Virtual Mail Box Print Job disable/enable scheduling
	Network transport & authentication	HTTPS Ipsec(IKE V1) IPP Over TLS SNMP V3
	Data encryption	IPsec(IKE)/Pre-Shared Key 802.1x Wired Security
	Access control management	Embedded Web Server access control for network port, protocol, printer settings & reports Operator panel access
	Physical security	Kensington lock slot for printer, primary input tray and accessories
Physical specifications	**Printer dimensions** (W x D x H)	16.14" x 17.24" x 10.75" (410 mm x 438 mm x 273 mm)
	Printer weight	27.11 lbs (12.3 kg) (with consumables)
	Shipping dimensions (W x D x H)	20.79" x 21.46" x 16.30" (528 mm x 545 mm x 414 mm)
	Shipping weight	32.19 lb (14.6 kg)
	Operating environment	Temperature: 50ºF to 90ºF (10ºC to 32ºC) Relative Humidity: 15% to 85% RH, non-condensing Altitude: ≤ 10,170 ft (3,100 m)
	Storage (packaged)	Temperature: 32ºF to 95ºF (0ºC to 35ºC); Relative Humidity: 5% to 95% RH; Altitude: ≤10,170 ft (3,100 m)
	Acoustics (Pressure - LpAm / Power - LwAd)[11]	Printing - 53.4 dB / 6.9 B; Standby - 24.7 dB / 4.1 B
Power specifications	**Voltage**	
	120 vac model	100 to 127 vac ± 10 %, 50 ± 3 Hz / 60 ± 3 Hz nominal
	Power consumption	Printing Mode: 560W Standby Mode : 45W Power Saver mode (Sleep) : 7W Power Saver mode (Deep Sleep) : 1.2W
	Average power consumption	110V - 5.1A
Consumables	**Ship-with toner capacity[6]**	Up to 3,000 pages (Black)
	Standard toner capacity[6]	Up to 3,000 pages (Black)
	High yield toner capacity[6]	Up to 6,000 pages (Black)
	Imaging drum	Up to 85,000 pages
	Maintenance kit	Up to 100,000 pages (includes transfer roller and pickup roller)

Product certifications	**Safety:** IEC/EN60950-1:2005 2nd edition (International); EN60950-1:2006 2nd edition; IEC60825-1 (Laser); SEMKO; CE Mark (EU); cTUVus; FDA/DHHS (21CFR, Chapter 1, Subchapter J) **EMC:** CE mark (EN55022:2006 +A1:2007 Class B; EN61000-3-2:2006; EN61000--3:1995+A1:2001+A2:2005; EN55024:1998+A1:2001+A2:2003]; FCC CFR Title 47, Part 15 Class B (USA); ICES-003, Issue 4 (Canada) **Others:** ROHS Compliant[12], WEEE, GS Mark (Germany), ErP Lot 6, Lot 26 Tier 1, Tier 2
Supported languages	English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish
Printer management	Dell Printer Configuration Web Tool, Standard Printer MIB, Dell Toner Management System, Dell Open Print Driver (OPD), Dell OpenManage Printer Manager v2 (OMPM), Status Monitor Console (Windows only), Auto FW updater
Contents in box	Dell Smart Printer - S2810dn, Software and Documentation CD (Printer Driver & Dell Supplies Management Software), Dell S2810dn Ship-With Black Cartridge (3,000 pages yield), Power Cord, LAN Cable, Setup Guide

Available consumables & accessory

S2810 series High Yield Black Toner Cartridge, 6,000 page yield

S2810 series Standard Yield Black Toner Cartridge, 3,000 page yield

S2810 series Imaging Drum, 85,000-page

S2810 series Maintenance Kit (Fuser shown only. Includes transfer roller and pickup roller)

Optional External Wireless Adapter

1. 1 GB internal RAM memory.
2. Based on Dell internal testing. Actual print speeds will vary with use.
3. AirPrint-enabled printers work with iPad, iPhone (3GS or later), and iPod touch (3rd generation or later) running iOS 4.2 or later.
4. The printer and the mobile device must be connected on the same network.
5. Duty cycle is defined as the maximum number of imaged outputs a device could deliver in a month. This number can be used to compare potential workload capabilities of different Dell printers and multifunction printers.
6. Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.
7. For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.
8. Replacement system or replacement part will be dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Replacements may be refurbished. Defective unit must be returned. Availability varies. Other conditions apply.
9. Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of unit and multiple or extended sessions. If issue is covered by Limited Hardware Warranty and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
10. Availability and terms of Dell Services vary by region. For more information, visit Dell.com/servicecontracts/global.
11. Tested in accordance with ISO 7779 and reported in accordance with ISO 9296. Acoustics - Declared noise emission values of computer and business equipment.
12. Meets the requirements of the EU RoHS Directive 2011/65/EU on the Restriction of the use of certain Hazardous Substances (RoHS).

©2015 Dell Corporation Limited. Dell, the Dell logo and Dell Toner Management System are registered trademarks or trademarks of Dell Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell disclaims proprietary interest in the marks and names of others. Microsoft, Windows and Windows NT are registered trademarks or trademarks of Microsoft Corporation. Android and Google Cloud Print are registered trademarks of Google Inc. iPad, iPhone, iPod, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. AirPrint and the AirPrint logo are trademarks of Apple Inc. Specifications are subject to change without notice.
Dell cannot be responsible for errors and omissions in typography or photography.

04/2015